



News Release

October 20, 2023
Electric Power Development Co., Ltd.

New Tomamae Winvilla Wind Farm Begins Commercial Operation: Renovations Complete at J-POWER Group's First Domestic Wind Power Site



New Tomamae Winvilla Wind Farm

J-Wind Co., Ltd., the wholly owned subsidiary of Electric Power Development Co., Ltd. (J-POWER, headquartered in Chuo-ku, Tokyo; President: Hitoshi Kanno) has completed renovating (facility upgrades) at the New Tomamae Winvilla Wind Farm located in Tomamae Town, Hokkaido. Commercial operations began today, October 20, 2023.

Tomamae Winvilla Wind Farm was the first wind farm to begin operations within the J-POWER Group. The wind turbines were upgraded from 19 (individual output: 1,650 kW and 1,500 kW) to eight wind turbines (individual output: 4,300 kW). This wind farm is now one of the largest in Japan and operations have begun under the new name: the New Tomamae Winvilla Wind Farm. Due to this facility replacement project—introducing large equipment—performance will be improved and the most effective use will be made of the wind resources in the area.

With the start of commercial operations of New Tomamae Winvilla Wind Farm, J-POWER's

wind power generation business segment, with a total output of 766,192 kW, in Japan reached 29 sites (21 in operation, two being updated, four under construction, and two planning facility replacement). The total output of the nine sites in Hokkaido Prefecture in operation is now 210,682 kW.

Based on our experience and track record operating wind power plants throughout Japan, we are progressively updating older equipment. J-POWER Group will continue working on the sustainable development and steady operation of wind power generation and other renewable energy projects to achieve carbon neutrality, as stated in the J-POWER BLUE MISSION 2050 in February 2021.

1. Details

Name	New Tomamae Winvilla Wind Farm
Location	Tomamae Town, Hokkaido, Japan
Capacity	30,600 kW (Siemens Gamesa 4,300 kW x 8 units)
Schedule	Start of construction: August 2020 Commercial operation: October 20, 2023

2. Operating Company

Name	J-Wind Co., Ltd.
Location	Chuo-ku, Tokyo, Japan
Capital	100 million yen (wholly owned subsidiary of J-POWER)
Representative Director	Fumihiko Saito

3. Location



Attachment: List of J-POWER Group's Wind Farms

Attachment: J-POWER Group's Wind Farms

	Location	Name	Owned capacity (kW)	Capacity of each wind turbine(k	Number of wind turbine	Commencement of commercial operations
In operation (Japan)						
1	Yamaguchi	Yokihinosato	4,500	1,500	3	Nov. 2003
2	Iwate	Green Power Kuzumaki	21,000	1,750	12	Dec. 2003
3	Aichi	Tahara	1,980	1,980	1	Mar. 2004
4	Nagasaki	Nagasaki-Shikamachi	10,500	1,000	15	Feb. 2005
5	Aichi	Tahara Bayside	22,000	2,000	11	Mar. 2005
6	Hokkaido	Setana Seaside	12,000	2,000	6	Dec. 2005
7	Fukushima	Koriyama-Nunobiki	65,980	2,000 1,980	32 1	Feb. 2007
8	Kumamoto	Aso-Oguni	8,500	1,700	5	Mar. 2007
9	Shizuoka	Irozaki	34,000	2,000	17	Apr. 2010
10	Fukui	Awara-Kitagata	20,000	2,000	10	Feb. 2011
11	Fukushima	Hiyama Kogen	28,000	2,000	14	Feb. 2011
12	Hokkaido	Kaminokuni	28,000	2,333 2,337	11 1	Mar. 2014
13	Ehime	Minami Ehime	28,500	2,400 2,300	9 3	Mar. 2015 Apr. 2016
14	Aomori	Ohma	19,500	2,300	9	May 2016
15	Akita	Yurihonjo Bayside	16,100	2,300	7	Jan. 2017
16	Hokkaido	Setana-Osato	50,000	3,200	16	Jan. 2020
17	Akita	Nikaho No.2	41,400	2,300	18	Jan. 2020
18	Iwate	Kuzumaki No.2	44,600	2,000 2,100	16 6	Dec. 2020
19	Hokkaido	Esashi	14,700	4,200	5	Feb. 2023
20	Hokkaido	New Shimamaki	4,300	4,300	1	Feb. 2023
21	Hokkaido	New Tomamae	30,600	4,300	8	Oct. 2023
Japan's total (in operation)			506,160			
Under facility replacement (in Japan)						
22	Akita	New Nikaho Kogen	24,750	4,300	6	FY 2023 (planned)
23	Hokkaido	New Sarakitomanai	14,850	4,300	4	FY 2023 (planned)
Japan's total (in operation/under facility replacement)			545,760			
Under construction (Japan)						
24	Hokkaido	Kaminokuni No.2	41,532	4,300	10	FY 2024 (planned)
25	Ehime	Minami Ehime No. 2	34,000	3,400	10	FY 2025 (planned)
26	Hokkaido	Ishikari Hachinosawa	14,700	4,200	5	FY 2023 (planned)
27	Fukuoka	Kitakyushu Hibikinada	88,000	9,600	25	FY 2025 (planned)
Japan's total (in operation/under construction, including facility replacement)			723,992			
In operation (overseas)						
28	U.K.	Triton Knoll	214,250	9,500	90	2022/4
Global total (in operation/under construction, including facility replacement)			938,242			

Operation terminated and facility replacement in planning						
–	Kumamoto	Aso-Nishihara	17,500	1,750	10	Jan. 2023 operation terminated
–	Kagoshima	Minami Osumi	24,700	1,300 1,300	9 10	Feb. 2023 operation terminated

*Owned capacity based on J-POWER Group's interest ratio (e.g., Location: total capacity x interest ratio=owned capacity)☒

Nagasaki-Shikamachi: $15,000\text{kW} \times 70\% = 10,500\text{kW}$

Esashi: $21,000\text{kW} \times 70\% = 14,700\text{kW}$

Ishikari Hachinosawa: $21,000\text{kW} \times 70\% = 14,700\text{kW}$

Kitakyushu Hibikinada: $220,000\text{kW} \times 40\% = 88,000\text{kW}$

Triton Knoll: $857,000\text{kW} \times 25\% = 214,250\text{kW}$